SHEET INDEX		
CONTENTS	SHEET NO.	SHEET ISSUE
SMEET IMDEX SYMBOL MANUFACTURING REFERENCES NOTES USEGO-ON TABLE CURRENT ORAIN RECORD OF CHANGES	1	,
CIRCUIT SCHEMATIC	3	2
COMPONENT LIST CIPCUIT DESCRIPTION	4	2

SERIAL PERIPHERAL INTERFACE B

261 261

260

260

264 3H0

3H0 3H1 3H1

				ELEMENT IDENT			
				А			
TERM. MOD	FUNCT	TERM.	LOC		TERM, MOD	FUNCT	TERM
		-					TERM.
101510	1	309	287		8100	g	114
INFOOO	I	215	247		8110	9	103
INFO10	I	- 314	247		81 20	9	*n4
INFO20	I	211	2A6		8130	P	0.3
INF030	I	310	246		8140	g	018
INFC40	ĩ	116	2.45		8150	9	002
INF050	I	214	2A5		BPH0	g	102
INFO60	I	205	244		8PL0	B	107
INFO70	I	304	204		MYSAN	g	118
INF080	I	301	244		MYSAP	8	218
INFO90	1	003	283		MYSBN	9	219
INF100	1	010	2A2		MYSBP	g	318
INF110	1	109	2.02		RSNPOA	g	105
INF120	1	207	2A2		SCB010	g	017
INF130	1	307	2A1		SCB020	8	115
INF140	1	312	2A1		SPE1	8	315
INF1S0	1	212	240		ST@P80	g	005
INFPHO	I	203	200		3 V T	g	201
INFPLO	Ī	206	2A3		+5	P	000,119
MYRAN	1	311	3A0		GRO	Ġ	200,319
HYRAP	I	213	380				
MYRBN	ī	208	3A1				
MYRBP	ī	3.08	380				
PLISBO	I	317	2A0				
RSET01	1	006	383				
STRTR1	i	217	3A7				
8000	i	113	267				
B010		014	267				
		0.14	201				

265

001 264

104 264

800 263 263

RECORD OF CHANGES

ISS	FURN	STD	D1SC	NOTE
				1
	l i			

NOTES:

1. A GROUND RETURN

2.	UNLESS OTHERWISE SPECIFIED:
	RESISTANCE VALUES ARE IN OHMS
	CAPACITANCE VALUES ARE IN MICROFARI
	VALUES PRECEDED BY THE SYMBOL + (PL
	OR -(MINUS) ARE IN VOLTS

3. BATTERY AND GROUND TERMINALS FOR INTEGRATED CIRCUITS

IC CODE	BAT. TERM.	GRO TERM.
418P	16	В
41CF	16	7,B
175H	1,32	16,17
KS-21638 L I	14	7
KS-216BB L3	14	7
KS-21688 L4	14	7
KS-216BB LS	14	7
KS-216BB L6	14	7
KS-21687 LI	16	8

SYSTEMS

OESIGN CONTROL

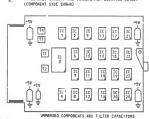
CURRENT ORAIN; 600mA

4 BATTERY AND GROUND TERMINALS FOR THIS CIRCUIT PACK ARE AS FOLLOWS:

> FUNCTION TERMINAL +\$ 006,119 200,3:9 GRD

5. HORIZONTAL MOUNTING CENTERS AT

INTEGRATEO CIRCUIT AND TRANSFORMER LOCATION GUIDE:



SUPPORTING INFORMATION

CATEGORY	NO.		
CIRCUIT PACK CODE	CPS-JK6		
CONNECTOR ON FRAME	947C OR 947A		
SERIES FOR LATEST CLASS			

ACCEPTABLE SERIES

SMEET INDEX MOTES

OHLY THOSE SHEETS AFFECTED WILL BE REISSUED. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE ORAWING IS REISSUED, OR A NEW SHEET IS AGGED.

THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET "ILL BE THE SAME ISSUE NUMBER AS THAT OF THE FIRST SHEET.

SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.

THE LASI ISSUE NUMBER OF THE FIRST SMEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

WHEN CHANGES ARE MADE IN THIS ORAWING NOTICE- NOT FOR USE OF DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER MRITTEN AGREEMENT. 2B1 ATATCO STANDARD JEG CIRCUIT PACK

SERIAL PERIPHERAL INTERFACE B

CIRCUIT

CPS-JK6 4 SHEETS BELL TELEPHONE LABORATORIES

B030 8040

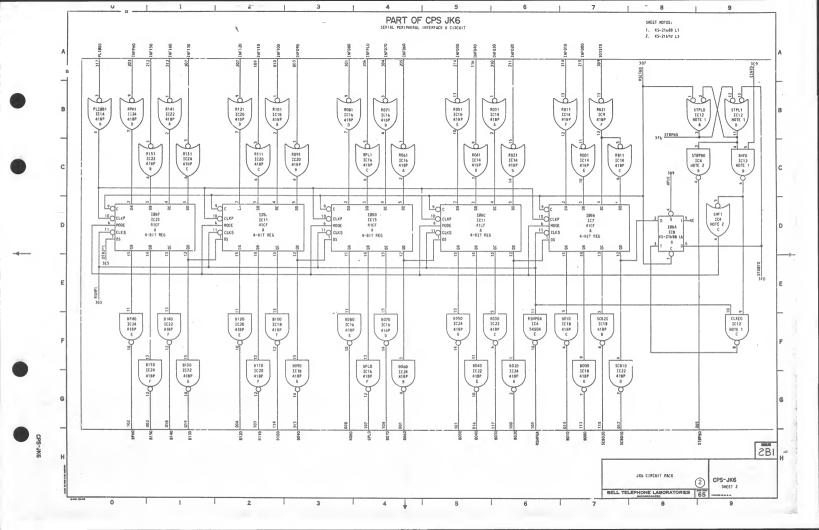
8050

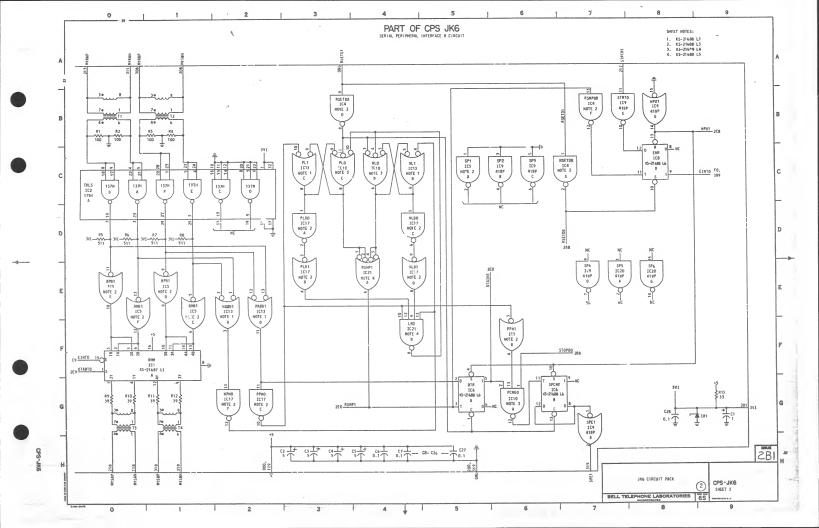
8060

8070

B080

8090





	_		0 33	1		2	1 3		4	5		6	7	8	1	)	_
			***		•				PART OF SERIAL PERIPHERAL I								
	A	COMPONEN	T LIST ED CIRCUIT														A
	٦	LOC CODE ELEM	IC1 546158- KS-21687 LI	1C2 175H	IC4 -54504- KS-21688 L3				ICB -54574 KS-21638 L6	IC9 418P	IC10 \$4\$10 KS-21688 L4	IC11 41 CF	IC12 54500- KS-21688 L1	IC13 <del>54500</del> KS-21688 L1			-
	В	A B C O E F	DESIG SH LOC RMM 3FG	DESIG SH LOC CHLS 3CO	PESIG SH LOC RSETCS 3C7 STIBPBO 2C8 SHIFI 2D9 RSETDA 3B3 RSHPDA 2F5 RSHPDA 387	DESIG SH LOI SP1 3C5 PPH1 3F6 BNB1 3E1 BPB1 3E1 APB1 3E0 AMB1 3E0	C DESIG 5.1 LOC OTR 369 SPCHK 366	OESIG SH LOC 1888 207	DESIG SH LOC 1#BA 2DB ENR 3CB	DESIG SH LOC SPE1 9H7 SP2 306 SP5 306 SP4 3E7 STRTO 3E7 TRB21 2E7 HPU1 388	DESIG SH LOC PCHGO 3C6 NLO 3C4 PLO 3C3	DESIG SH LOC IØBC 2D5	DESIG SH LOC STPLO 288 SHFO 209 CLKEO 2F9 STPL1 289	DESIG SH LOC NAME1 3E2 NL1 3C4 PL1 3C3 PAME1 3E2			В
	1	LOC	IC14 418P	IC15 41CF	IC16 41BP	IC17 <del>54804-</del> KS-21688 L3	IC18 418P	IC19 41CF	IC20 418P	IC21 54540-	IC22 418P	IC23 41CF	IC24 418P				
	С	ELEM 10	DESIG SH LOC	DESIG SH LOC	DESIG SH LOC R061 2C4	DESIG SH LO	C DESIG SH LOC	OESIG SH LOC	DESIG SH LOC SP5 3E7 R091 2C3 R111 2C2	KS-2168B L5  DESIG SH LOC  RSHP1 3E4  LSO 3F4	0ES1G SH LOC R141 261 R151 201	DESIG SH LOC	DESIG SH LOC				С
		BCOEFG	PLI#80 280 R811 2C7 R041 2C5 R001 2C7 R011 287 R021 226		R071 2B4 RPL1 2C4 R081 2B3 B080 2F4 BPL0 2F4 BO70 2F4	PLBL 363 NLBO 304 NLB1 3E4 PPHO 362 NPHO 362	SCB20 2F7 8010 2F7 8000 2F7 R0051 285 B100 2F2 8090 2F3		\$P5 3E7 R091 2C3 R111 2C2 R121 2B2 B120 2F2 B110 2F2 \$P6 3E7	20 974	8030 2F6 SCB10 2F7 8040 2F5 8140 2F1 6130 2G1		8060 2:4 R131 2C1 RPH1 2B0 BPH0 2F0 B150 2F1 B530 2F5			i.	-
	D														_		D
	-	CAPACITO DESIG C1 [4] C2-C5 [23] C6-C28	CODE 600A,1 601A,5 KS-19774 L5,	0.1				CIRCUIT	DESCRIPTION								-
	Ε	DE31G CR	CODE. 1W52250 KS-2*	1761 L1				SERIAL M FRØM EIT THE RECE RECØVERE RECØVERE	K CONTAINS A 21-BIT S ESSAGE FROM THE JACC HER CC VIA THE A OR E IVED PULSES TO TIL LE D FROM THE BITSTREAM D DATA (DTAINT) IS ME THE RSHPT PULSE BY TH	BIPBLAR PULSES A INPUT PBRTS. CHLS VELS. THE CLBCKPUL IS NBMINALLY 75 NSE LD STABLE GYER THE	RE RECEIVED CONVERTS SE (RSHP1)						E
	F	RESISTOR  DES'G [4] R1-F4 [4] R5-F6 [4] R9-R12 R13	CODE KS-20616 L1A	,511 ,39				CHECK F/ BIT IS C ARE FRBZ MWDE. 2 PUMPWSES THE REGI TØ SEND BY A HIG MESSAGE	IT MESSAGE IS CHECKED F (SPCHK). A SIMP LE LOCKED INTO THE IMP. EN BECAUSE THE REGISTE O-BITS MF THE REGISTE . THE STATES MF THE STER AT THE TRAILING THE 21-BIT MESSAGE AM H IMPUT MN LEAD STRIP MEDULATOR RM4 AND PLAM DE. THE DATA APPEAR DE. THE DATA APPEAR DE.	ITCH IS SET WHEN THE F/F. THE SHIFT REG RER IS SET INTO THE R ARE AVAILABLE FOR 19 INPUT LEADS ARE EDGE OF A PULSE ON CK TO THE EN CK TO THE EN F/F ENA.	FIRST ONE ISTER CONTENTS PARALLEL LARD DECODING LORDED INTO LORDED INTO LEAD PLISCO RF/FIS RESET BLES THE REPLY						·
	G	TRANSFORM DESIG [4]T1-T4	CODE 26646					A #R 8 #R THE CIRCI R13 AND	STHE THE CLECKPULSES  JIPUT PERTS.  JIT TS INITIALIZED BY  R1 SENERATE THE 3-VE  FFTERS CHLS.	A HIGH INPUT ON LE	R PULSES AT THE						G
200- IKB	н															2.	
	-SAMPLE OF STREET OF THE													JAG CIRCUIT PACK	2 CPS-J SHEET	4	
	'L	Elim Strate	0	1	Γ	2	3		4	5		6	7	BELL TELEPHONE LABORA	1031	9	

CPS-JK6